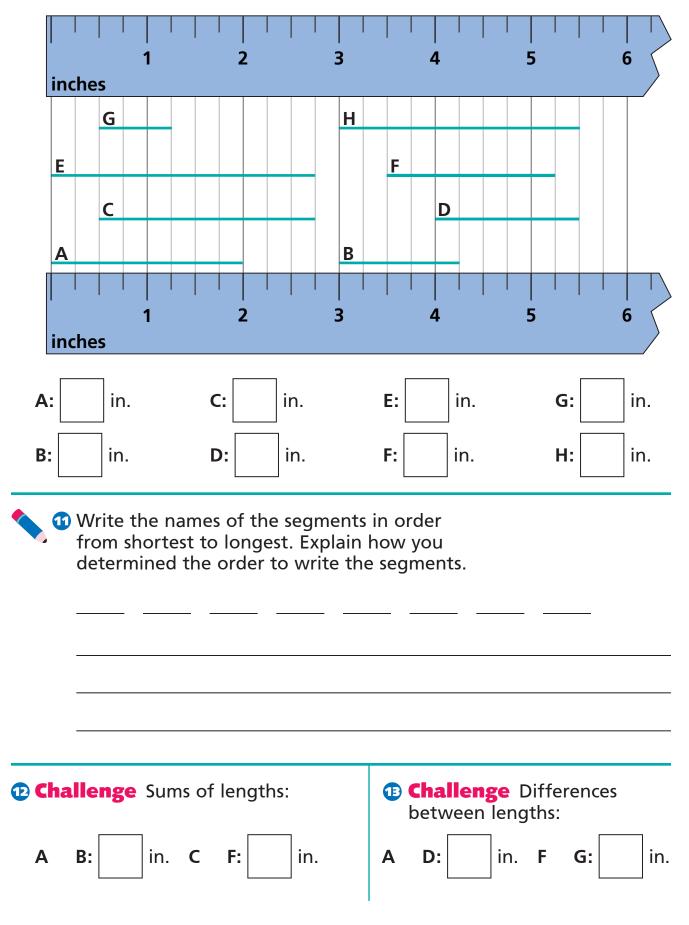


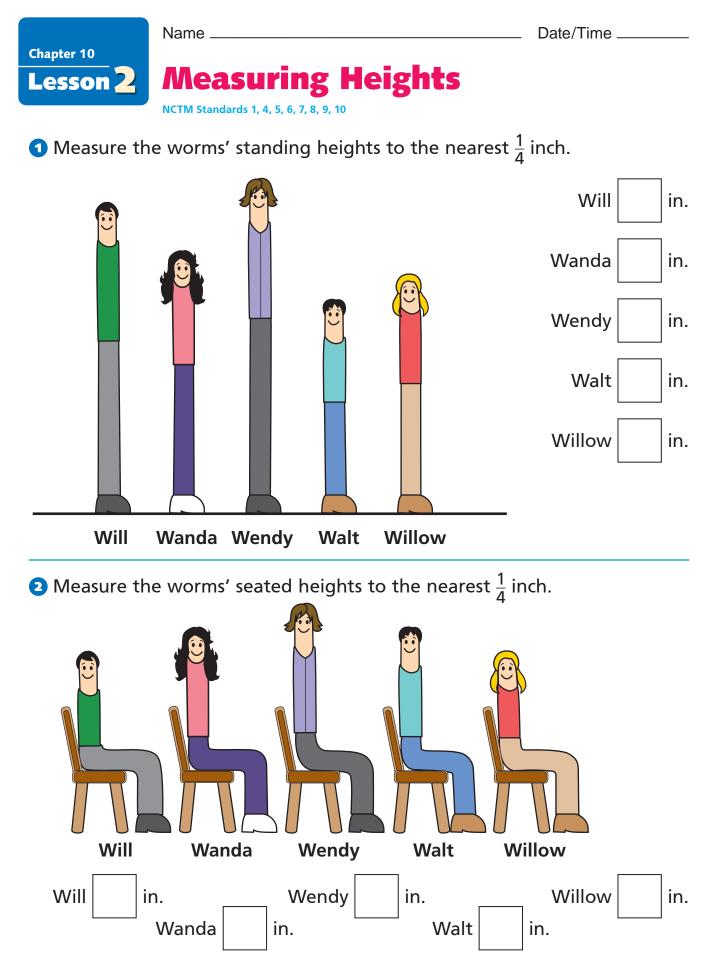
Measure each segment to the nearest quarter inch.

0	in.
2]in.
3 — in.	4 in.
5 in.	6 in.
0	– in.
 Find a book in your classroom. Mea to the nearest quarter inch. 	asure its height
Measure the length of one of your nearest quarter inch.	crayons to the
Слууа	in.

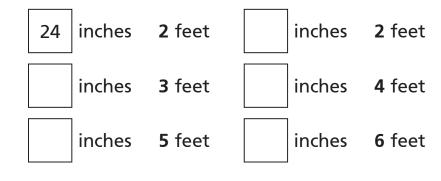
1 Measure each segment to the nearest quarter inch.



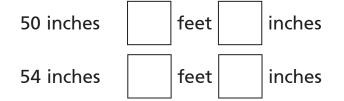
188 one hundred eighty-eight CLXXXVIII 2 2 47



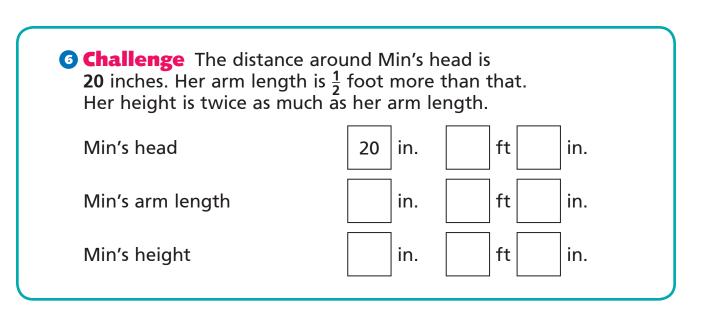
Convert the measurements from feet to inches.



Convert the measurements from just inches to feet and inches.

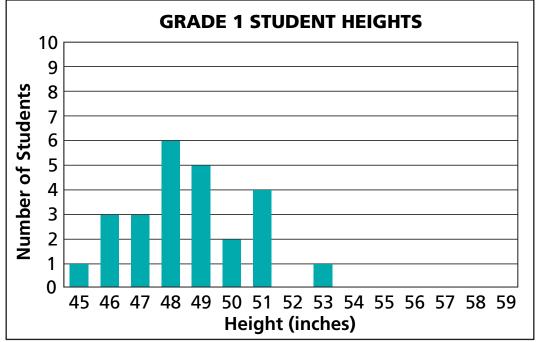


5 Explain how to convert a measurement from inches to feet and inches.



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What is the height of the tallest student in Grade 1?

in.

2 What is the height of the largest number of students? Explain.

in.

If all the students line up from tallest to shortest, what is the height of the student in the middle?	

4 If we choose any one student at random from Grade 1, what would most likely be his or her height?

in.

in.

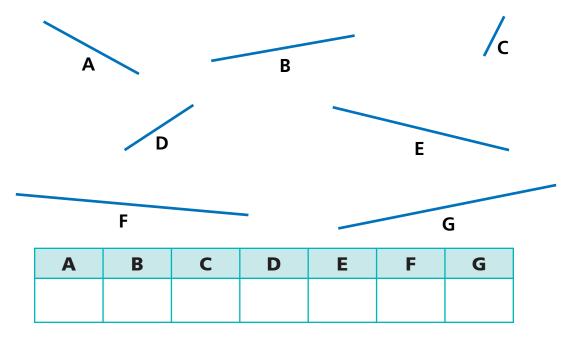
Use the class bar graphs of standing and seated heights to fill in the blanks.	
S How many students have a seated height of about 30 inches?	students
6 How many students are taller than 55 inches standing up?	students
About half the class is less than inches tall.	
8 The seated height of the largest number of students is inches.	
9 How many students are more than 53 inches tall, but less than 58 inches tall?	students
If you choose one student at random from the class, what is most likely the seated height for that student?	inches
Challenge Make up your own question about the bar graphs and answer it.	

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192 one hundred ninety-two CXCII 2 2 2 2 2 6



• Measure each segment to the nearest centimeter.



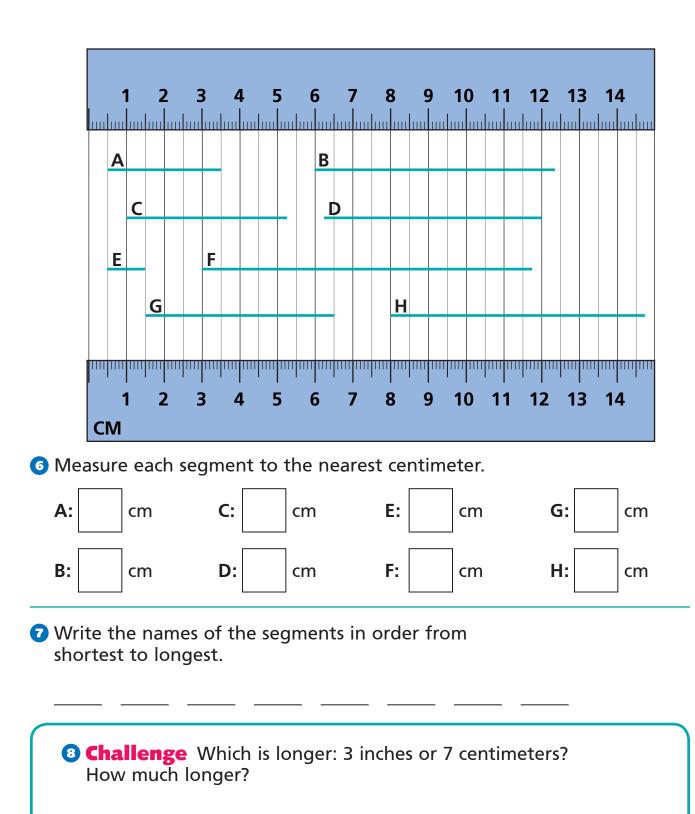
Draw a segment to match each length.

2 8 cm

🖪 4 cm

Image of the measures of th

Explain how you decided on the length of the segment in Problem 4.



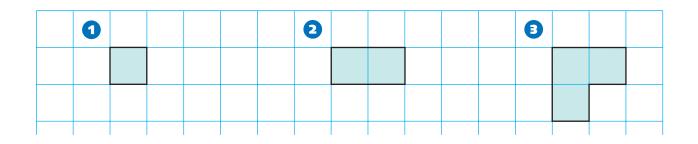


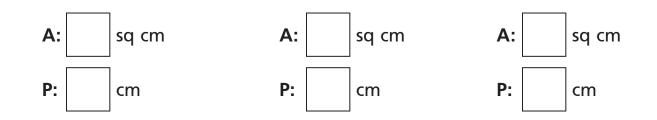
A on this page is *area*. Here is one unit of area: (1 sq cm)

P on this page is *perimeter.* Here is a 1 cm unit

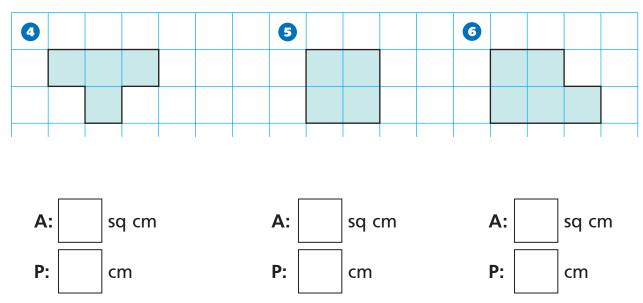
of perimeter: or —

Find the area and the perimeter for each figure.

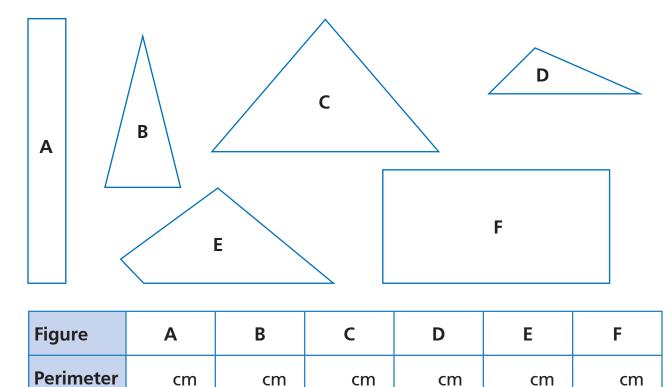




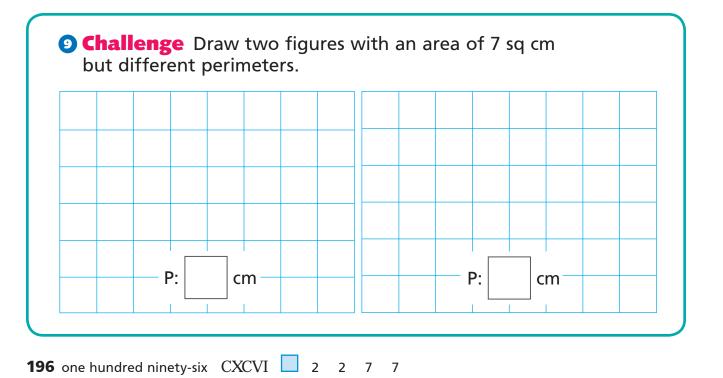
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Our Use a ruler to measure the perimeter of each figure to the nearest centimeter.

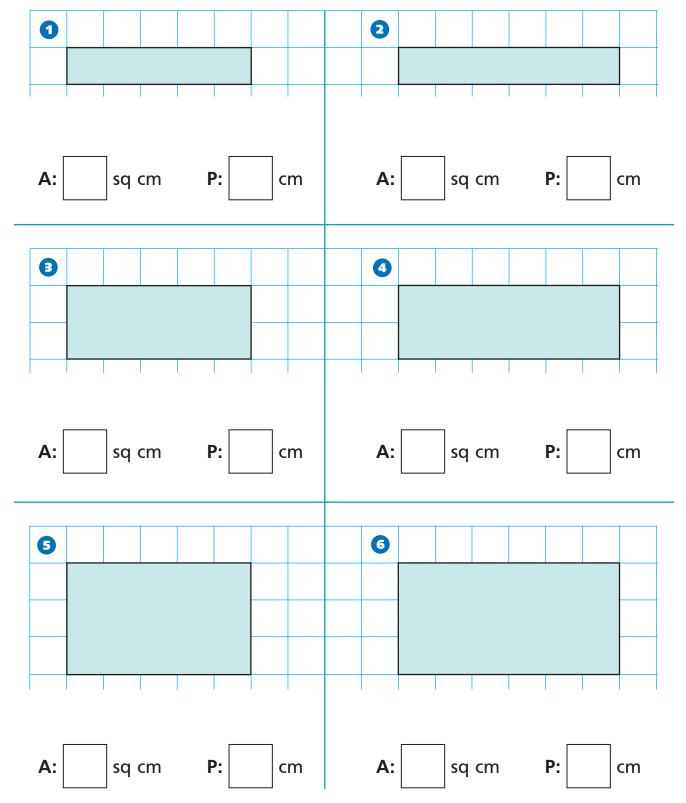


How	did	vou	find	the	perimeter	of	each	figure?	



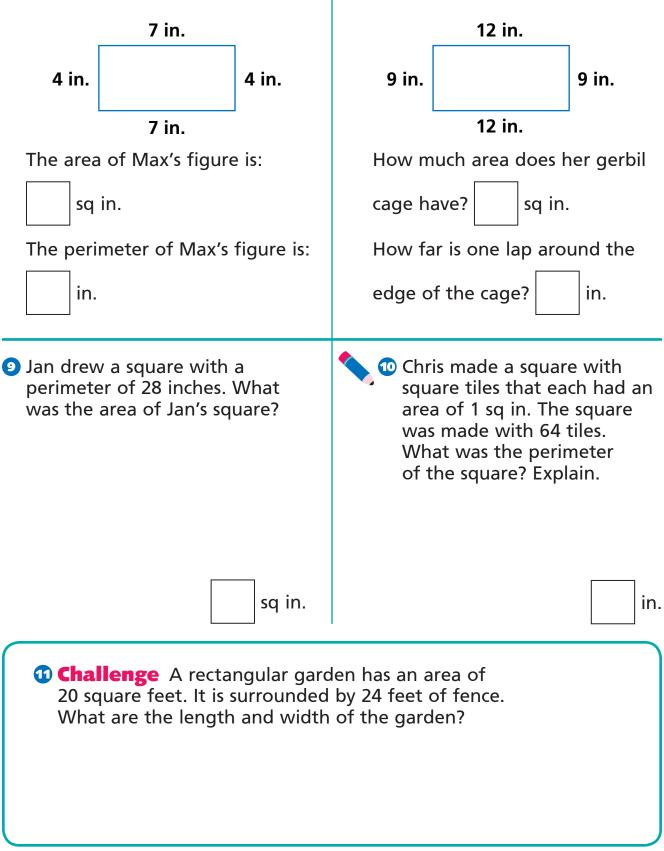


Find the area and perimeter for each rectangle.



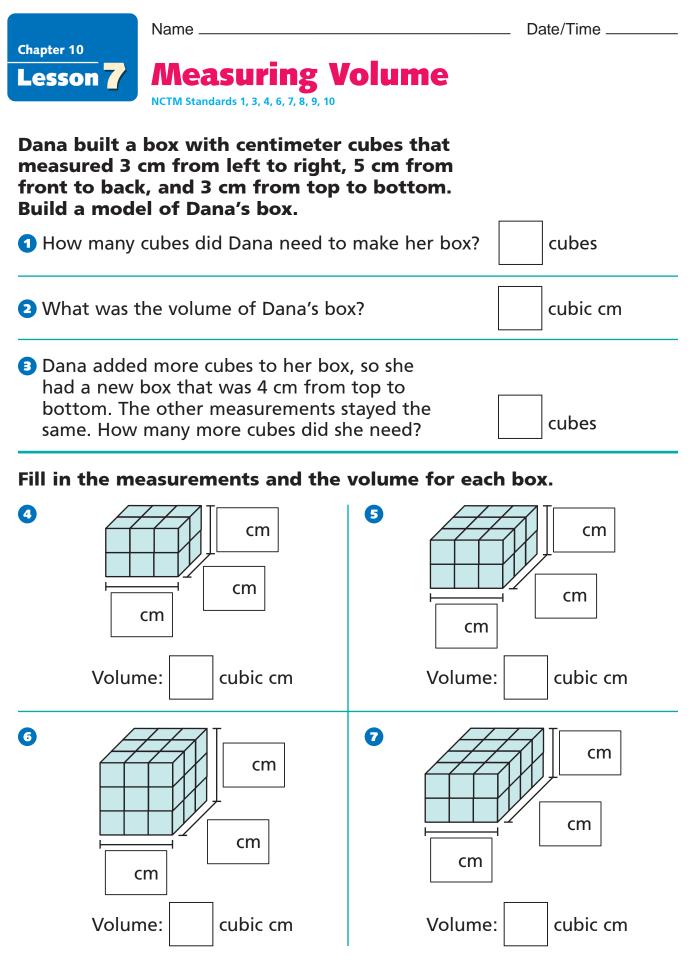
Read and solve.

Max traced around his calculator and made a rectangle like this:

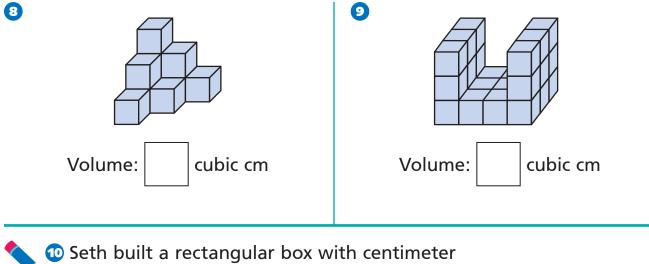


³ Suni's gerbil cage is 12 inches

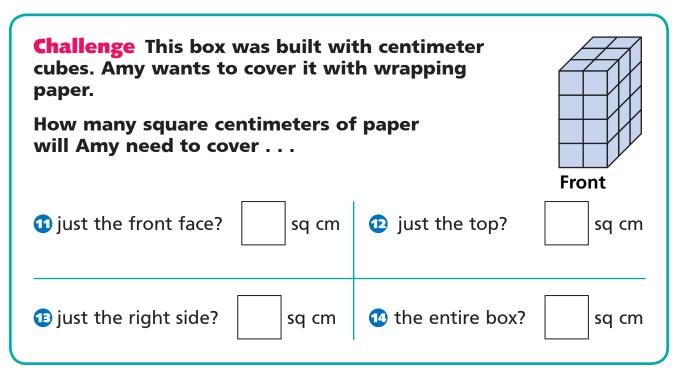
long and 9 inches wide.



Build each model and find its volume.

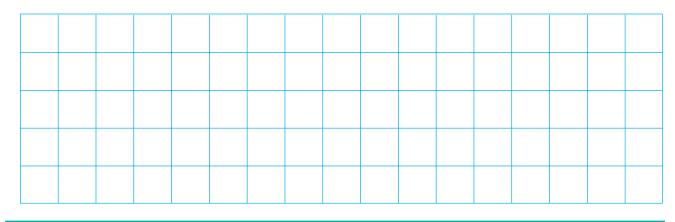


Seth built a rectangular box with centimeter cubes. He started by building a square. Then he built five more identical levels. The volume of his box was 54 cubic cm. What were its measurements? Explain.

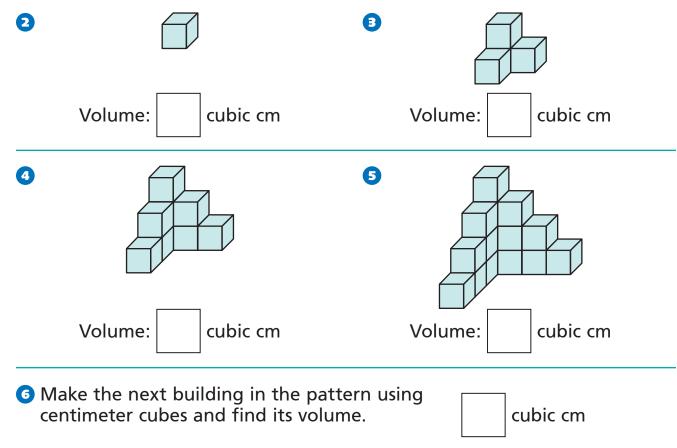




 Jaden used square tiles to build an L-shaped figure with an area of 8 sq cm and a perimeter of 14 cm. Draw a picture of a figure like Jaden's.



Miya made buildings out of centimeter cubes using a pattern. Find the volume of each building.



Problem Solving Test Prep

Choose the correct answer.

- There are 58 students in the Math Club. There are 8 more girls in the club than there are boys. How many girls are in the Math Club?
 - A. 25 girls
 - B. 28 girls
 - C. 33 girls
 - D. 50 girls

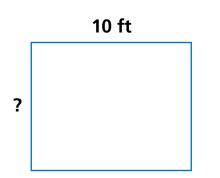
2 Megan has two pennies, one nickel, and two dimes in her pocket. She needs 35 cents to buy a snack. What other coins does she need to buy a snack?

- A. two pennies, one nickel
- B. three pennies, one nickel
- C. two pennies, one dime
- D. three pennies, one dime

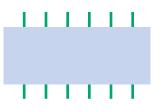
Show What You Know

Solve each problem. Explain your answer.

A rectangular patio has an area of 90 square feet. The length of the patio is 10 feet.

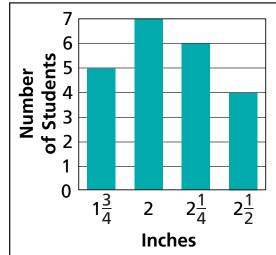


What is the width of the patio? Explain how you know. Randy is looking at a map with 24 intersections. He sees
 6 vertical lines on the map.



How many horizontal lines are on the map? Explain how you know.

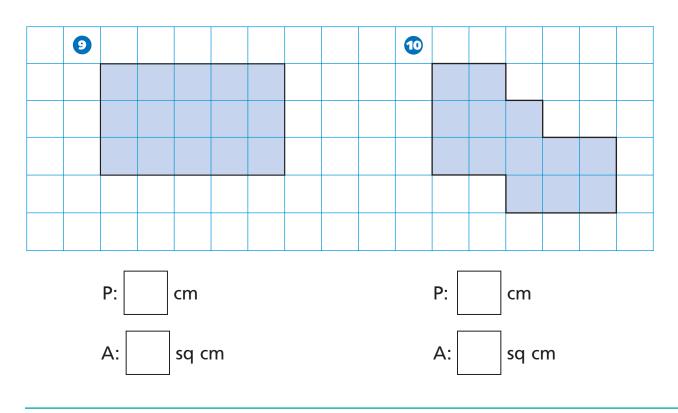
	Name		Date/Time			
Chapter 10	Review/Ass NCTM Standards 1, 4, 6, 7, 8, 9, 10	sessment				
Measure to the	e nearest $\frac{1}{4}$ inch. Less	ons 1 and 2				
0	4	inches				
0			inches			
Measure to the	Measure to the nearest centimeter. Lesson 4					
8		centimeters				
•		. centimet	ers			
Draw a segment for the given length.						
5 $3\frac{1}{4}$ inches						
6 11 cm						
Some students measured the lengths of their erasers and made this graph. Lesson 3						



How many students have erasers that are longer than 2 inches?

		students		
8 What is the length of the longest eraser?				
		inches		

Find the perimeter (P) and area (A) of each figure. Lessons 5 and 6



1 Nick drew a rectangle with a length of 4 cm and a width of 2 cm. What was its area? What was its perimeter? Lesson 8

These boxes were built with centimeter cubes. Fill in the measurements and the volume of

each box. Lesson 7

